



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



CONFIRMATION NO. 3228

Bib Data Sheet

SERIAL NUMBER 10/719,180	FILING DATE 11/20/2003  RULE	CLASS 714	GROUP ART UNIT 2113	ATTORNEY DOCKET NO. TUC920030162US1
-----------------------------	---------------------------------------	--------------	------------------------	---

## APPLICANTS

Karl A. Nielsen, Tucson, AZ,

Colleen R. Stouffer, Austin, TX;  
Matthew J. Fairhurst, Winchester, UNITED KINGDOM; Lee J. Sanders, Havant, UNITED KINGDOM;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/20/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged		AZ	2	28	4

## ADDRESS

35825  
 LAW OFFICE OF DAN SHIFRIN, PC - IBM  
 14081 WEST 59TH AVENUE  
 ARVADA, CO  
 80004

*Assigned**IBM*

## TITLE

Host-initiated data reconstruction for improved raid read operations

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
RECEIVED 1130		